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Shin\* Department of Electrical and Computer Engineering ...

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**Content-based search of video using color, texture, and motion**

Y Deng, BS Manjunath - The 1997 International Conference on Image Processing. Part ..., 1997 - [doi.ieeecomputersociety.org](#)

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2001 An Efficient Color Representation for Image Retrieval ...

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**Peer group filtering and perceptual color image quantization**

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Y **Deng**, BS Manjunath - ICASSP, IEEE International Conference on Acoustics, Speech ..., 1999 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

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W Zhu, Y Wang, Y **Deng**, Y Yao, RL Barbour - IEEE Transactions on Medical Imaging, 1997 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

Page 1. 210 IEEE TRANSACTIONS ON MEDICAL IMAGING, VOL. 16, NO. 2, APRIL 1997 A

Wavelet-Based Multiresolution Regularized Least Squares Reconstruction Approach ...

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Managing and Searching Personal Photo Collections

U Gargi, Y **Deng**, DR Tretter - Proc. SPIE Storage and Retrieval for Media Databases, 2003 - [hpl.hp.com](http://hpl.hp.com)

Page 1. Managing and Searching Personal Photo Collections Ullas Gargi,

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## Mining Home Video for Photos

Qian Lin, Tong Zhang, Mei Chen, Yining Deng, Pere Obrador

Imaging Systems Laboratory

HP Laboratories Palo Alto

HPL-2004-80

April 29, 2004\*

home video  
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photo, video  
printing, camera  
motion analysis,  
intelligent  
keyframe  
extraction, video  
panorama, super-  
resolution,  
user intent, motion  
mining

More and more home videos have been generated with the ever growing popularity of digital cameras and camcorders. In many cases of home video, a photo, whether capturing a moment or a scene within the video, provides a complementary representation to the video. In this paper, a complete solution of video to photo is presented. The intent of the user is first derived by analyzing video motions. Then, photos are produced accordingly from the video. They can be keyframes at video highlights, panorama of the scene, or high-resolution frames. Methods and results of camera motion mining, intelligent keyframe extraction, video frame stitching and super-resolution enhancement are described.

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### Content-Based Search of Video Using color, Texture, and Motion

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#### Abstract

We present an implementation of a system for content-based search and retrieval of video based on low-level visual features. Currently the system consists of three parts, automatic video partition, feature extraction, video search and retrieval. Three primary features, color; texture and motion are used for indexing. They are represented by color histogram, Gabor texture features, and motion histogram. Most of the processing is done directly in the MPEG compressed domain. Testing on sports and movie data-bases have shown good retrieval performance.

#### Additional Information

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